## Prem Bahl

From:

Kondziolka Robert E [Robert Kondziolka@srpnet.com]

Monday, August 18, 2008 7:33 AM

Laurie A. Woodall

Flagged

Cc:

Prem Bahl, Brandt Jana K, Jerry D. Smith P.E., Hsu James C (Jim), Kondziolka Robert E

Subject:

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ACC BTA - EHV Transmission Upgrades

E-00000D-07-0376

Arizona Caranagana Commission

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Laurie,

At the first BTA Workshop and as identified in the first draft report I was assigned the responsibility of identifying the planned transmission upgrades affecting the Arizona transmission system. The following are the upgrades that impact to the adequacy of the existing transmission or future transmission system:

The Path 49 Short Term Upgrades (increased Path 49 by 505MW and was implemented in 2006) 1)

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Upgrades to the Palo Verde to North Gila and Palo Verde to Devers 500kV lines

The following three projects are in the implementation stage and are depicted in the attached power point slide

- The EOR 9300 Project (will increase Path 49 by 1245MW and will be complete in 2009) 2)
- Upgrades to the Mead to Perkins and the Navajo to Crystal 500kV lines
- The Coronado Transmission System Upgrades (the changes will increases Path 54 by about 400MW and will be complete in 2009)
- There are two path rating increases, one associated with Springerville Unit 3 and one with Springerville Unit 4
- The Navajo Southern Transmission System Upgrades (will increase the path by about 800MW and will be complete in 2010)

Jim Hsu of my staff has been intimately involved in all of these projects and I am requesting Jim to provide you with a copy of the related and appropriate latest and final reports related to the WECC Path Rating increases for each of the projects (Jim ... please copy those on the CC list).

Regards,

Rob

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**EHV Transmission Upgrades In Development** Four 2009 400MW 2010 800MW 2008 625MW 2009 625MW 500kV Line Upgrade National Atlas of the United States ### +/- 500 kV DC line Major Substation 345 kV line

Energy in the Southwest Conference

Transmission Developments in the Southwest - 7/22/08 - RE Kondziolka